

Contributors to this Issue

AUSTIN BAILEY, A. B., University of Kansas, 1915; Ph.D., Cornell University, 1920; Instructor in Physics, Cornell University, 1915-18; Signal Corps, U. S. A., 1918-19; Assistant Professor of Physics, University of Kansas, 1921-22. American Telephone and Telegraph Company, Department of Development and Research, 1922-34; Bell Telephone Laboratories, 1934-. Dr. Bailey's work has been largely along the line of methods for making radio transmission measurements and of long-wave radio problems.

J. M. BARSTOW, B. S., Washburn College, 1923; M.S., University of Kansas, 1924; Instructor in Physics, Kansas State Agricultural College, 1924-27. American Telephone and Telegraph Company, Department of Development and Research, 1927-34; Bell Telephone Laboratories, 1934-. Mr. Barstow has been engaged in the development of methods and means of measuring and evaluating noise.

P. W. BLYE, S.B. in Electrical Engineering, Massachusetts Institute of Technology, 1919. American Telephone and Telegraph Company, Engineering Department, 1919; Department of Development and Research, 1919-34. Bell Telephone Laboratories, 1934-. Mr. Blye has been engaged in studies of the inductive coordination of power and telephone systems from the noise standpoint.

R. M. BOZORTH, A.B., Reed College, 1917; U. S. Army, 1917-19; Ph.D. in Physical Chemistry, California Institute of Technology, 1922; Research Fellow in the Institute, 1922-23. Bell Telephone Laboratories, 1923-. 'As Research Physicist, Dr. Bozorth is engaged in research work in magnetics.

R. M. BURNS, A.B., University of Colorado, 1915; A.M., 1916; Ph.D., Princeton University, 1921; Instructor, University of Colorado, 1916-17. Second Lieutenant, Chemical Warfare Service, U. S. Army, 1918-19. Research chemist, Barrett Company, 1921-22. Western Electric Company, 1922-25. Bell Telephone Laboratories, 1925-; Assistant Chemical Director, 1931-. Dr. Burns' work has been largely in the electrochemical field and particularly on the subject of the corrosion of metals and its prevention.

READ H. CARD, B.S. in Electrical Engineering, University of Tennessee, 1919. American Telephone and Telegraph Company, Long Lines

Department, 1919 and 1921-. Mr. Card's work has been concerned with transmission and inductive coordination matters.

G. W. ELMEN, B.Sc., University of Nebraska, 1902; M.A., 1904; D. Engg. (hon.), 1932. Research Laboratories of the General Electric Company, 1904-06; Engineering Department of the Western Electric Company, 1906-25; Bell Telephone Laboratories, 1925-. As Research Physicist, Dr. Elmen is engaged in magnetic research.

ALBERT G. GANZ, M.E., Stevens Institute of Technology, 1924; M.A., Columbia University, 1931. Engineering Department, Western Electric Company, 1924-25; Bell Telephone Laboratories, 1925-. Mr. Ganz has been engaged in the development of communication coils and transformers.

W. M. GOODALL, B.S. in Science, California Institute of Technology, 1928. Bell Telephone Laboratories, 1928-. Mr. Goodall has worked on ionosphere studies as well as general radio problems.

A. E. HARPER, M.E., Stevens Institute of Technology, 1922. Radio Intercept Service, U. S. Army, 1918-19. Western Electric Company, Engineering Department, 1922-23; American Telephone and Telegraph Company, Department of Development and Research, 1923-34; Bell Telephone Laboratories, 1934-. Mr. Harper has been engaged in radio transmission investigations with special reference to long-wave communication.

H. E. KENT, S.B. in Electrical Engineering, Massachusetts Institute of Technology, 1923; S.M., Massachusetts Institute of Technology, 1924. National Electric Light Association, 1924-33; Edison Electric Institute, 1933-. Mr. Kent has been engaged chiefly in work relating to the inductive coordination of power and communication circuits.

ARTHUR G. LAIRD, A.B., Harvard, 1916; S.B. in Electrical Engineering, Harvard, 1921. Engineering Department of the Western Electric Company, 1921-25; Bell Telephone Laboratories, 1925-. Mr. Laird has been engaged principally in the development of communication coils and transformers.

VICTOR E. LEGG, B.A., 1920, M.S., 1922, University of Michigan. Research Department, Detroit Edison Company, 1920-21; Bell Telephone Laboratories 1922-. Mr. Legg has been engaged in the development of magnetic materials and in their applications, par-

ticularly for the continuous loading of cables, and for compressed dust cores.

J. P. SCHAFER, B.S. in Electrical Engineering, Cooper Union, 1921; E.E., Cooper Union, 1925. Western Electric Company, 1915-25; Bell Telephone Laboratories, 1925-. Since 1928 Mr. Schafer has devoted a large part of his time to radio studies of the ionosphere.

S. A. SCHELKUNOFF, B.A., M.A., in Mathematics, The State College of Washington, 1923; Ph.D. in Mathematics, Columbia University, 1928. Engineering Department, Western Electric Company, 1923-25. Bell Telephone Laboratories, 1925-26. Department of Mathematics, State College of Washington, 1926-29. Bell Telephone Laboratories, 1929-. Dr. Schelkunoff has been engaged in mathematical research, especially in the field of electromagnetic theory.

A. M. SKELLETT, A.B., 1924, M.S., 1927, Washington University; Ph.D., Princeton University, 1933; Instructor, 1927-28, Assistant Professor of Physics, 1928-29, University of Florida. Bell Telephone Laboratories 1929-. Dr. Skellett, formerly engaged in investigations pertaining to the transatlantic radio telephone, is concerned with applications of electronic and ionic phenomena.

